

Fig. 2 11 COLOR-DESIGNATING SERVER 102 101 102a DATABASE CONTROLLER MATCHABLE COLOR DATABASE CUSTOMER DATABASE 103 102b PROCESSING PROGRAMMER 104 105 CONDITIONS-DESIGNATING **PROCESSOR COLOR DATA TRANSMISSION** -106 **PROCESSOR** COLOR DATA RECEIVE 107 **PROCESSOR** ARRANGEMENT CALCULATION -108 **PROCESSOR** ARRANGEMENT RESULT -109 TRANSMISSION PROCESSOR USE DATA RECEIVE 110 **PROCESSOR** VIRTUAL ITEM COLORING **PROCESSOR** 111 COST-CALCULATING **PROCESSOR** 

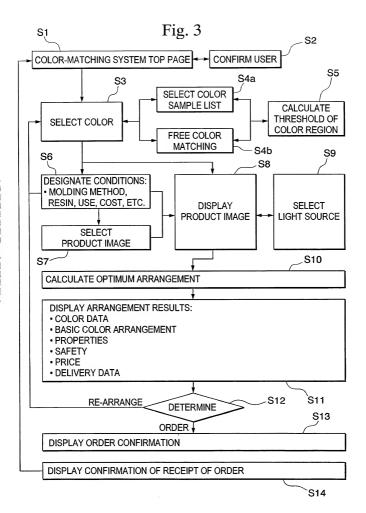
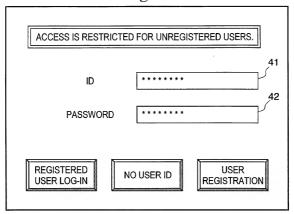
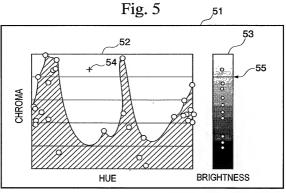


Fig. 4





O INDICATES BASIC COLOR

Fig. 6

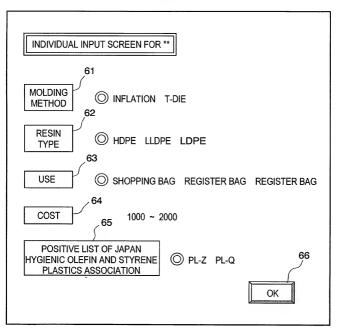


Fig. 7

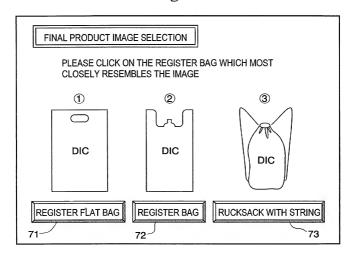


Fig. 8

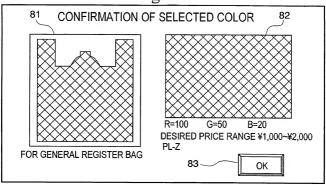
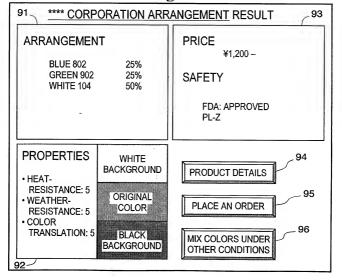


Fig. 9



## MATCHABLE COLOR DATABASE

- RESIN DATA
  - USE, PROPERTIES, COST
- DYE MATERIAL DATA
   USE, PROPERTIES, COST
- ADDITIVE DATA
- USE, PROPERTIES, COST

  BASIC COLOR DATA
- RAW MATERIALS, USE, PROPERTIES, COST, SPECTRAL REFLECTION
- EXISTING COLOR DATA RAW MATERIALS, USE, PROPERTIES, COST, SPECTRAL REFLECTION

Fig. 10B

\_102b

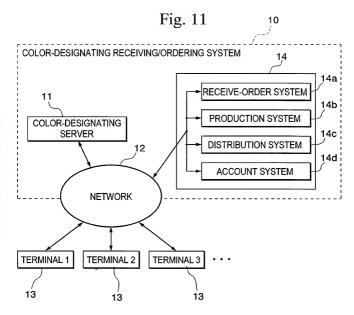
## **CUSTOMER DATABASE**

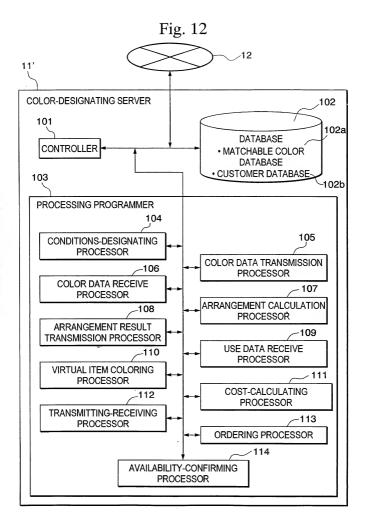
- · USER ID
- PASSWORD
- GENERAL DAŢA

NAME, ADDRESS, CONTACT INFORMATION

- USE DATA
  - USE, MOLDING METHOD RESIN
- · HISTORY DATA
- COST DATA

UNIT-PRICE DATA OF PREVIOUS TRANSACTIONS





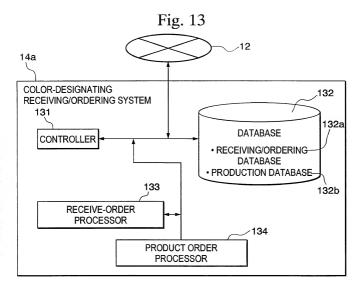


Fig. 14

SERVER RECEIVING/ORDERING SYSTEM 14c; DISTRIBUTION SYSTEM 14b; PRODUCTION SYSTEM 33 MANUFACTURE PRODUCT 14d; ACCOUNT SYSTEM REQUEST DESIGNATED COLOR, STOCK DATA OF PRODUCT, ORDER PRODUCT SEND STOCK DATA OF PRODUCT, PROCESS PRODUCT ORDER AND CURRENT PRICE DATA AND CURRENT PRICE DATA  $\mathfrak{D}$ 11'; COLOR-DESIGNATING 14a; COLOR-DESIGNATING RECEIVE-PROCESSING TRANSMIT ORDER DATA CONFIRM RECEIPT Ξ DETERMINE ġ 2 ٩ 9 DESIGNATE COLOR CONFIRM RECEIPT AND PRODUCT ORDER OK **DISPLAY ORDER** CONFIRMATION 13; USER TERMINAL